

Notice of Allowability

Application No.

10/509,499

Examiner

Matthew O. Savage

Applicant(s)

STOCKBOWER, DAVID

Art Unit

1724

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed on 2-14-06.
2. ☒ The allowed claim(s) is/are 4-10, 12, and 13 renumbered 1-9, respectively.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date 11-14-05
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date _____.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

Matthew O Savage
Primary Examiner
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An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Timothy J. King on 4-27-06.

Claims 1-3, 11, and 14-16 have been canceled.

Claim 4 (currently amended): A filtration module which comprises: a manifold, a filter cartridge and a bowl which houses the filter cartridge, and means for connecting said bowl to said manifold, and a key having two first parallel inner surfaces slideably secured to two substantially second parallel surfaces on an outer surface of a wall of a fluid passageway formed with the filter cartridge, said key having at least two attachment elements attached to said bowl, so that said filter cartridge, said key, and said bowl can be detached from said manifold as one piece, said filtration cartridge and bowl being in fluid communication with said manifold in a manner that prevents mixing of a fluid feed to said filtration cartridge with a permeate removed from said filtration cartridge.

Claim 5 (currently amended) The filtration module of claim 4 wherein said key is attached to said bowl by prongs extending from said key which fit over a lip of a collar on said bowl.

On line 8 of page 5 of the specification, "bead 18" has been changed to –bead 22--.

On lines 7 and 9 of page 7 of the specification, "bowl 14" has been changed to –collar 34--.

The following changes to the drawings have been approved by the examiner and agreed upon by applicant:

FIG. 2 must be amended to include a reference number and lead line for the "porous housing 25" mentioned on lines 2-3 of page 6 of the specification; and

In FIG. 8, "14" must be changed to –34--.

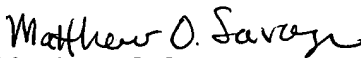
In order to avoid abandonment of the application, applicant must make these above agreed upon drawing changes.

The following is an examiner's statement of reasons for allowance: Ardes is considered the closest prior art, however, the reference fails to teach or suggest the limitation of the key having at least two attachment elements attached to said bowl, so that the filter cartridge, the key, and the bowl can be detached from the manifold as one piece.

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Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Matthew O. Savage whose telephone number is (571) 272-1146. The examiner can normally be reached on Monday-Friday, 7:00am-3:30pm.


Matthew O Savage
Primary Examiner
Art Unit 1724

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April 27, 2006